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L1	647	((703/27) or (703/24)).CCLS	USPAT	OR	OFF	2005/04/02 10:34
L2	0	1 and (virtual adj device adj object) and emulation	USPAT	OR	OFF	2005/04/02 10:34
L3	0	1 and (virtual adj device adj object) and emulation	USPAT	OR	ON	2005/04/02 10:34

Results for "(( virtual<in>metadata ) <and> ( device<in>metadata ) <and> ( object<in>metadata )<and> ( emulation<in>metadata)))"

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IEEE JNL IEEE Journal or Magazine

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IEEE JNL IEE Journal or Magazine

Display Format: ☒ Citation ☐ Citation & Abstract

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

☐ 1. **Advances and future challenges in binary translation and optimization**

Altman, E.R.; Ebcioglu, K.; Gschwind, M.; Sathaye, S.;

Proceedings of the IEEE

Volume 89, Issue 11, Nov. 2001 Page(s):1710 - 1722

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(232 KB\)](#) IEEE JNL

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Terms used **virtual device object**

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**1 [Object-oriented real-time system analysis and design issues](#)**

Mohamed Fayad, Milton L. Fulghum, Wei-Tek Tsai

April 1993 **ACM SIGPLAN OOPS Messenger , Addendum to the proceedings on Object-oriented programming systems, languages, and applications (Addendum),**  
Volume 5 Issue 2

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John Colter, Netscape Navigator

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1 [I/O device Emulation in The Stanford Emulation Laboratory](#)

Jerry Huck, Charles Neuhauser

November 1979 **Proceedings of the 12th annual workshop on Microprogramming**

Full text available:  [pdf\(584.35 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This report describes the implementation of an I/O device emulation system for a universal host machine, the Emmy. The actual system I/O devices are part of a PDP-11/05 system supporting the UNIX operating system. To support device emulation a process is established within this system to act as a simple I/O channel responding to host I/O requests. This channel process is able to provide three basic device structures: serial, linear and variable, which correspond roughly to character, disk-I ...

2 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**


Full text available:  [pdf\(4.21 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

3 [VISA: Netstation's virtual Internet SCSI adapter](#)

Rodney Van Meter, Gregory G. Finn, Steve Hotz

October 1998 **Proceedings of the eighth international conference on Architectural support for programming languages and operating systems**, Volume 32 , 33  
Issue 5 , 11

Full text available:  [pdf\(1.23 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In this paper we describe the implementation of VISA, our Virtual Internet SCSI Adapter. VISA was built to evaluate the performance impact on the host operating system of using IP to communicate with peripherals, especially storage devices. We have built and benchmarked file systems on VISA-attached emulated disk drives using UDP/IP. By using IP, we expect to take advantage of its scaling characteristics and support for heterogeneous media to build large, long-lived systems. Detailed file system ...

4 [Emulation - a useful tool in the development of computer systems](#)

F. A. Salomon, D. A. Tafuri

March 1982 **Proceedings of the 15th annual symposium on Simulation**